

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011347.D
 Acq On : 06 Aug 2019 12:41
 Operator : JC/SP
 Sample : K4155-01DL 50X
 Misc : 1.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219DL

Quant Time: Aug 07 02:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118407	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	93642	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	5.49	113	78762	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	
50) Toluene-d8	8.71	98	315058	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	104967	44.72	ug/l	0.00
Spiked Amount			Recovery	=	89.44%	

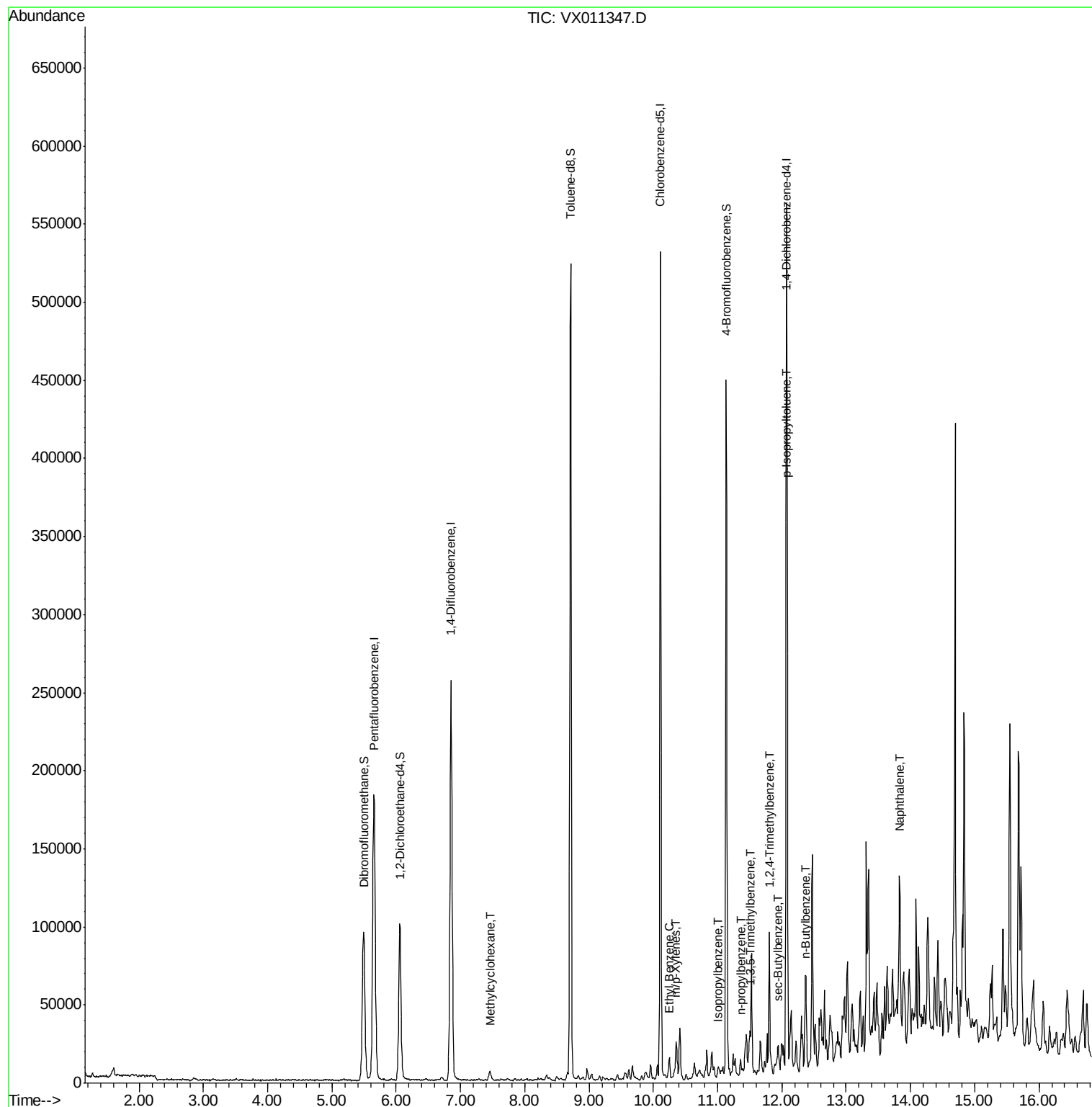
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	2636	0.955	ug/l #	89
67) Ethyl Benzene	10.25	91	7093	0.833	ug/l	98
68) m/p-Xylenes	10.35	106	5112	1.553	ug/l	96
73) Isopropylbenzene	11.02	105	3084	0.381	ug/l	96
78) n-propylbenzene	11.36	91	6440	0.715	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	10472	1.545	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	35364	5.240	ug/l	99
85) sec-Butylbenzene	11.94	105	3917	0.490	ug/l #	72
86) p-Isopropyltoluene	12.06	119	3674	0.500	ug/l	93
89) n-Butylbenzene	12.38	91	8776	1.386	ug/l #	35
95) Naphthalene	13.83	128	64616	8.357	ug/l	98

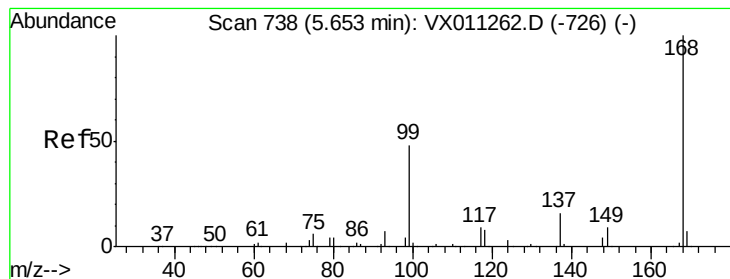
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080619\
Data File : VX011347.D
Acq On : 06 Aug 2019 12:41
Operator : JC/SP
Sample : K4155-01DL 50X
Misc : 1.0g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

Quant Time: Aug 07 02:02:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

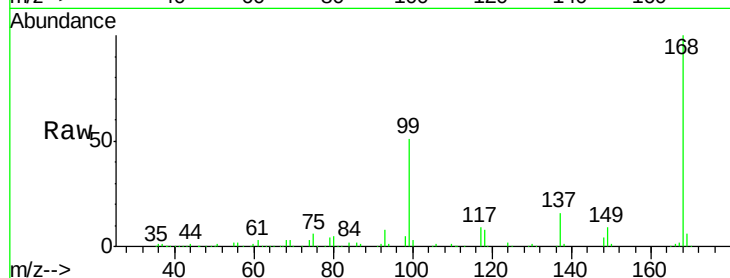
TS-01_080219DL

Tot Ion:168 Resp: 184218

Ion Ratio Lower Upper

168 100

99 51.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

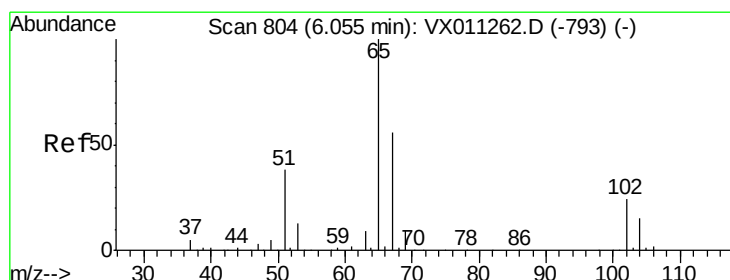
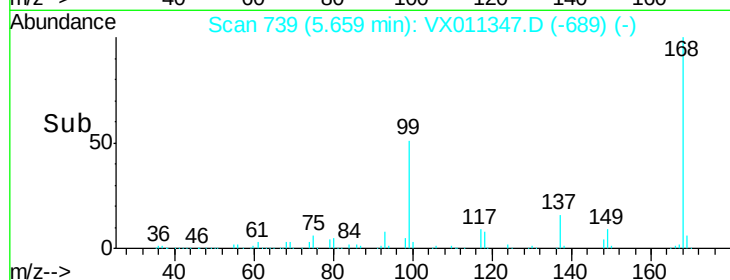
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.476 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011347.D

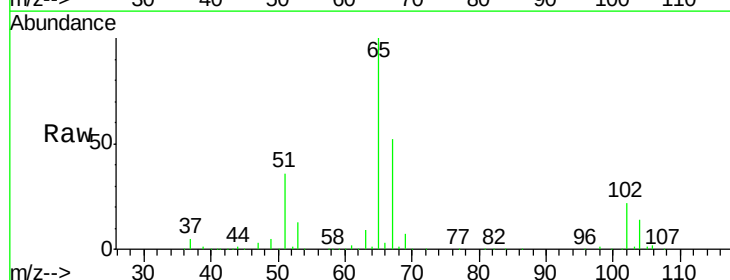
Acq: 06 Aug 2019 12:41

Tgt Ion: 65 Resp: 93642

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

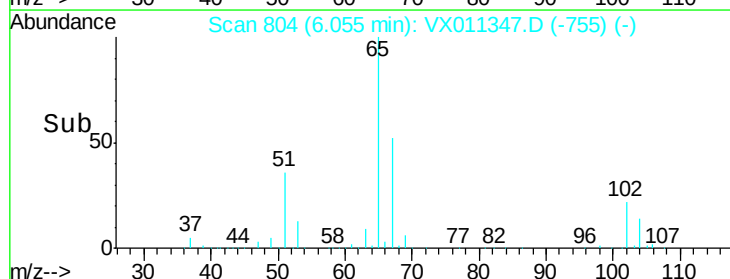
30000

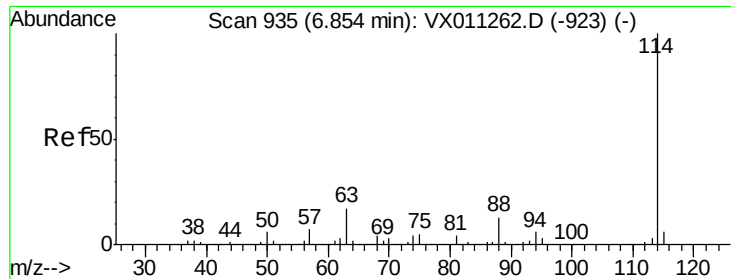
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

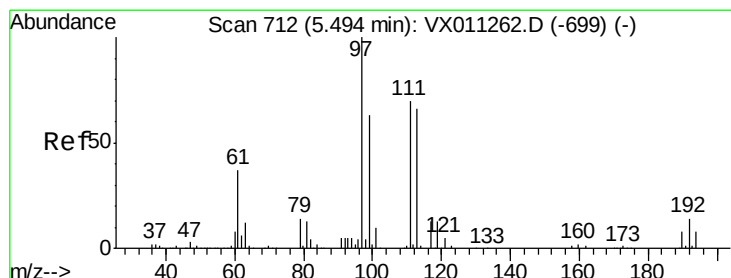
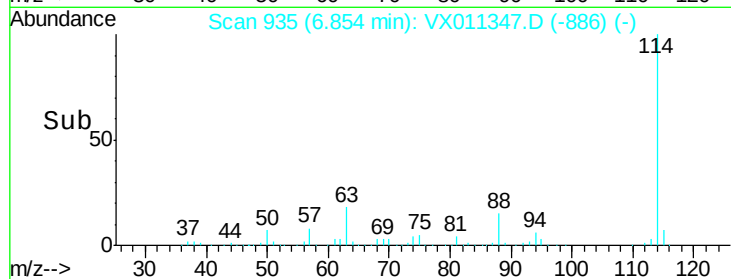
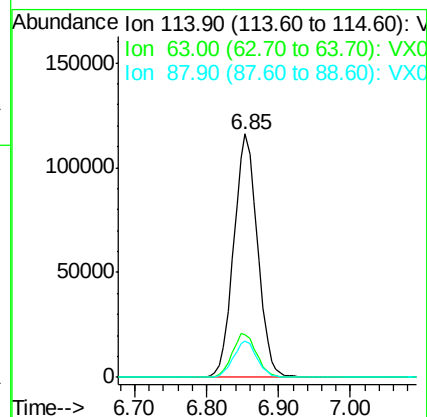
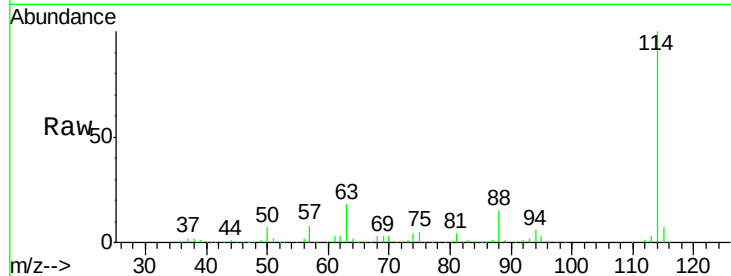




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

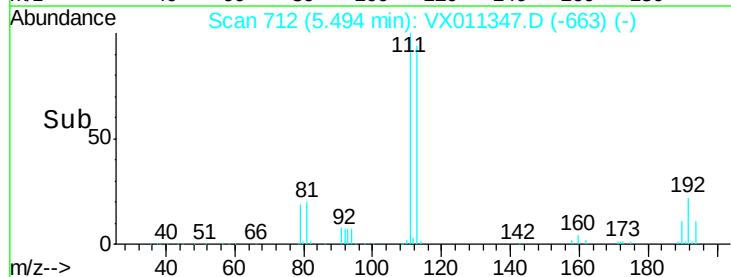
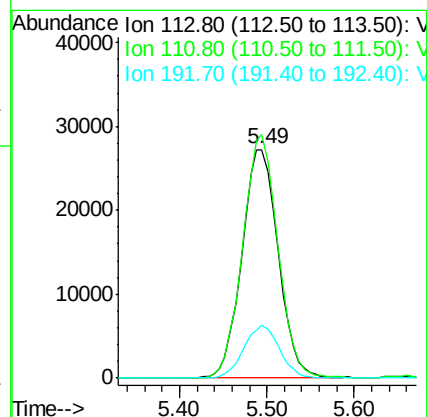
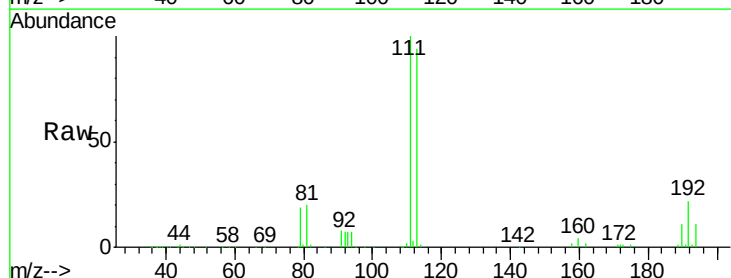
Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219DL

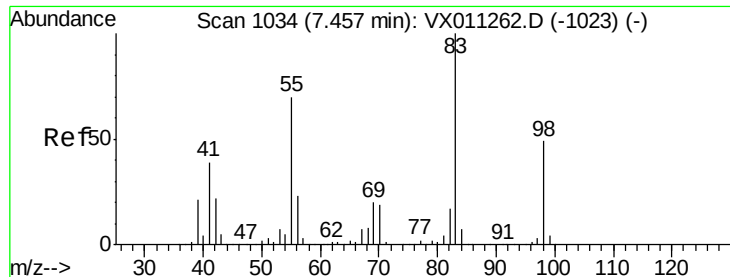
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.0
88	15.0	0.0	26.4



#35
 Dibromofluoromethane
 Concen: 45.223 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	22.6	17.8	26.8

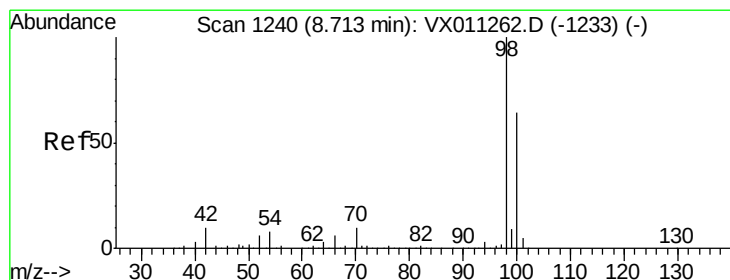
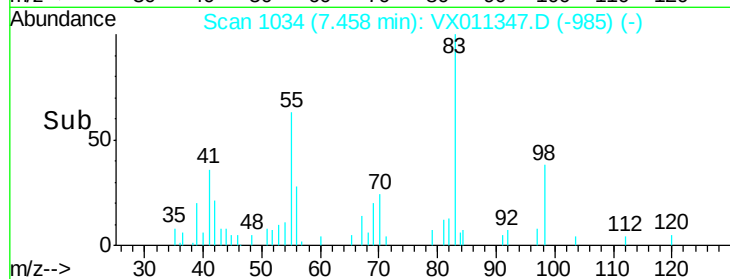
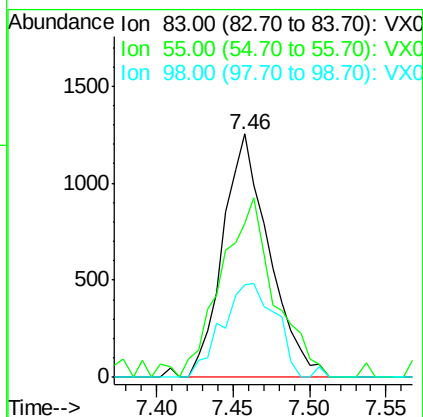
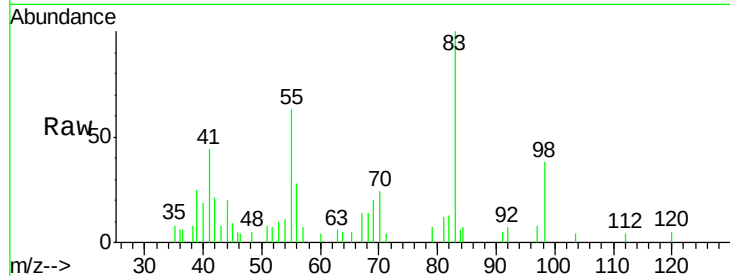




#39
Methylvlcyclohexane
Concen: 0.955 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

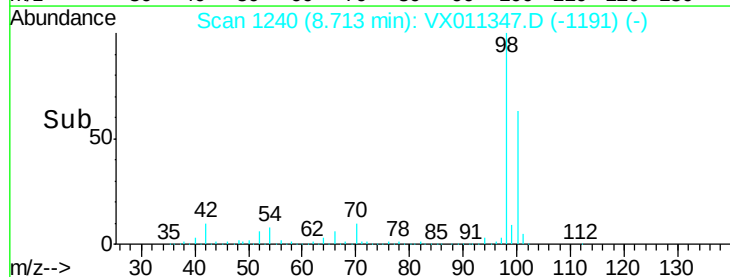
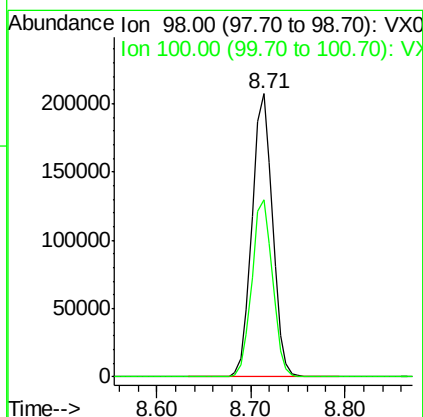
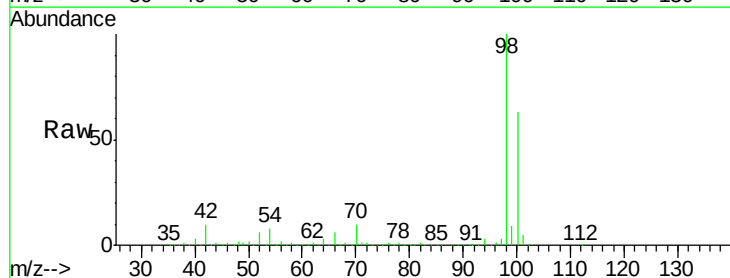
Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

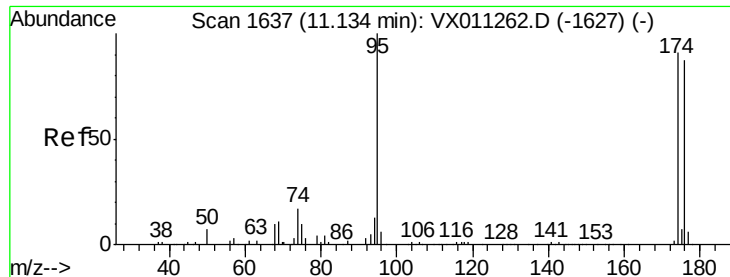
Tot Ion: 83 Resp: 2636
Ion Ratio Lower Upper
83 100
55 63.4 56.1 84.1
98 38.1 39.0 58.4#



#50
Toluene-d8
Concen: 47.924 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 98 Resp: 315058
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

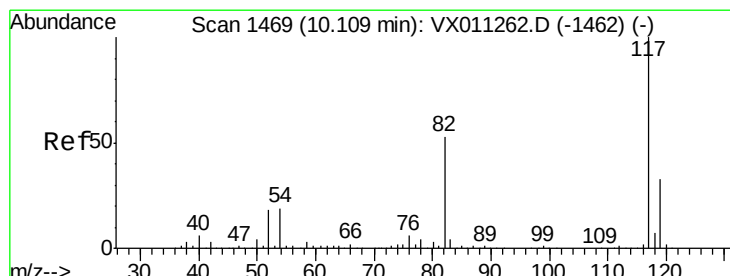
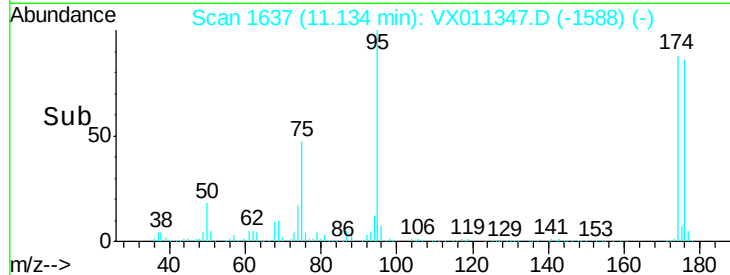
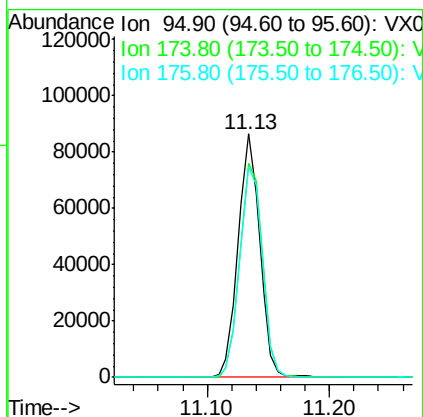
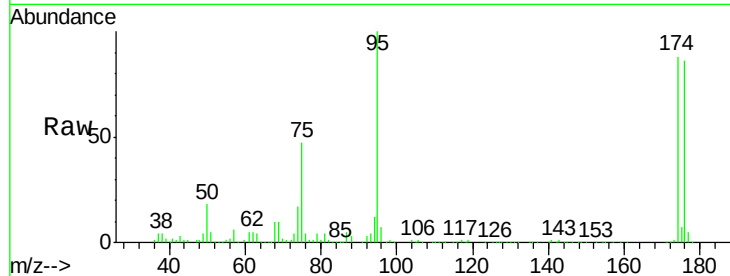




#62
4-Bromofluorobenzene
Concen: 44.721 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

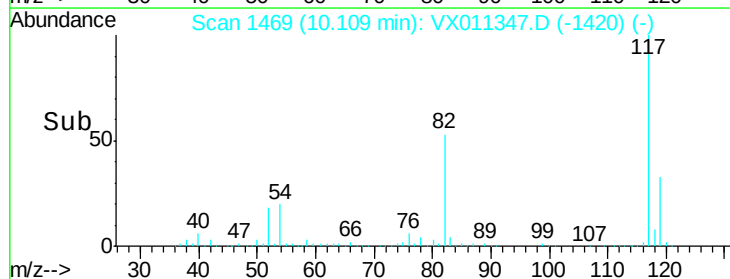
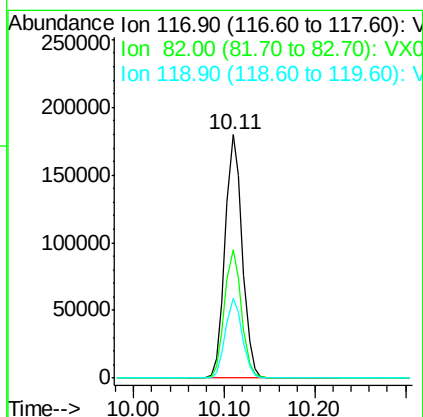
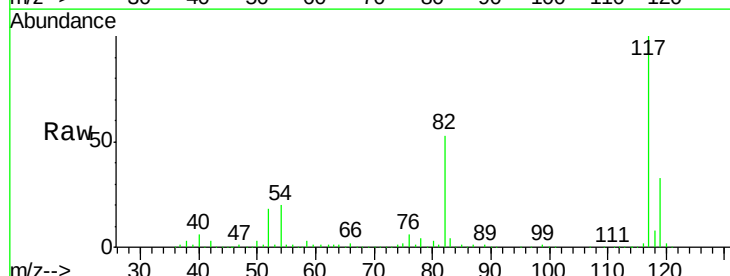
Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

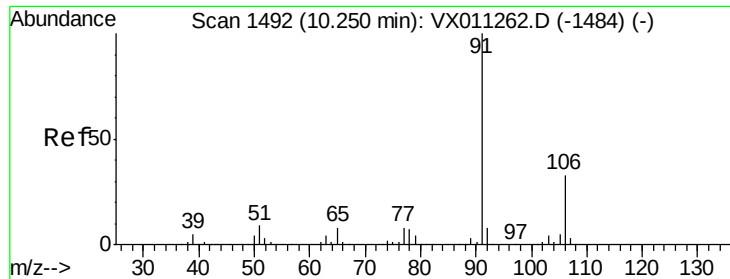
Tot Ion	95	Resp	104967
Ion Ratio	Lower	Upper	
95	100		
174	92.9	0.0	191.2
176	90.5	0.0	184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion	117	Resp	237040
Ion Ratio	Lower	Upper	
117	100		
82	52.7	42.2	63.2
119	32.7	26.6	39.8

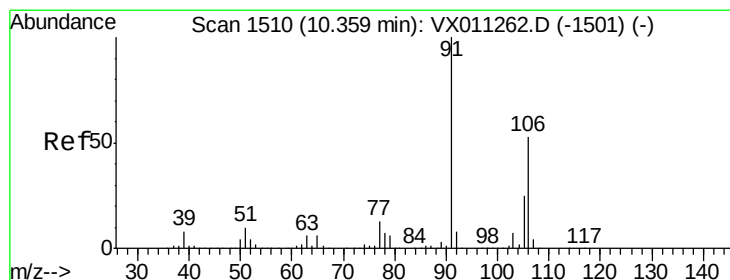
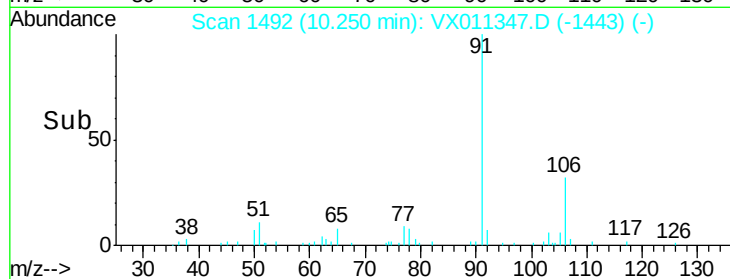
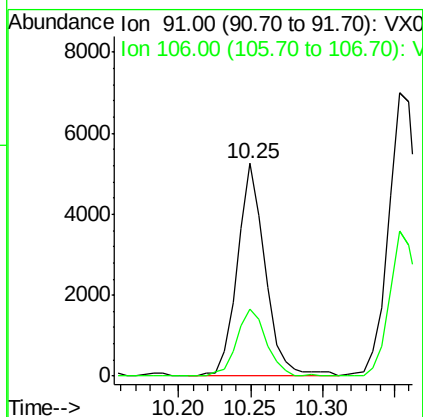
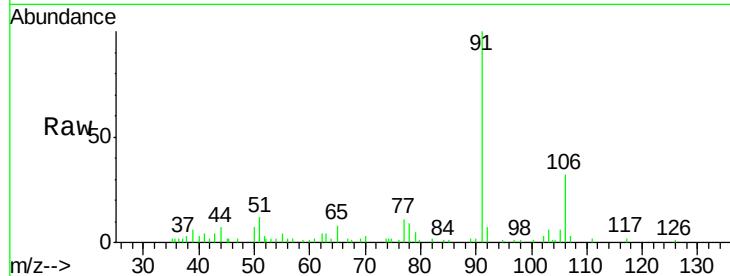




#67
Ethyl Benzene
Concen: 0.833 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

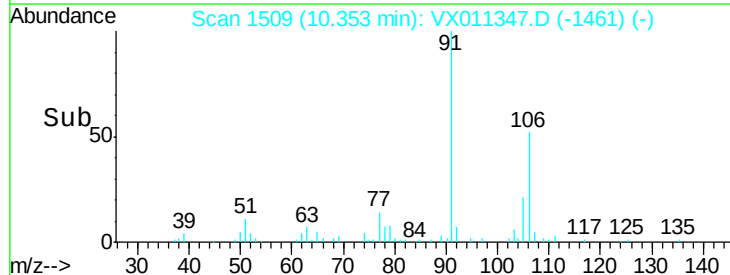
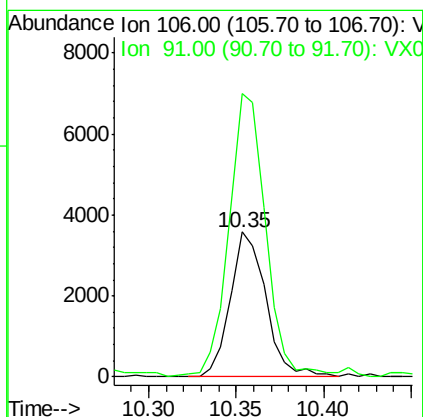
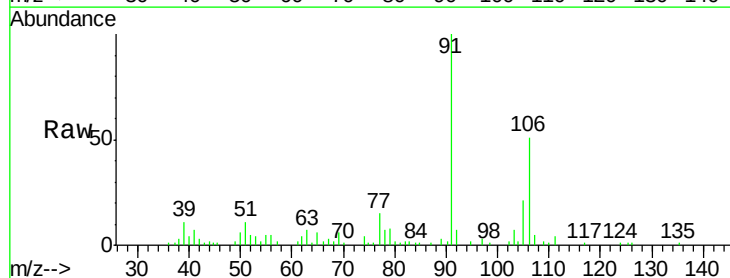
Instrument :
MSVOA_X
ClientSampled :
TS-01_080219DL

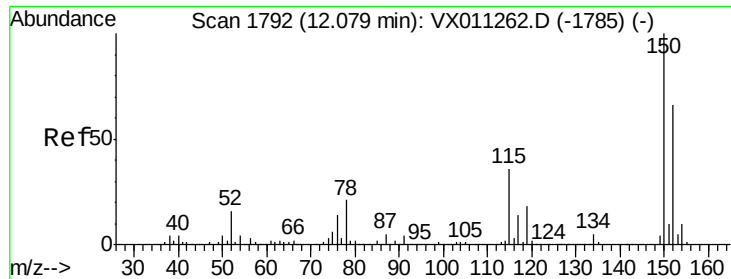
Tot Ion: 91 Resp: 7093
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.4



#68
m/p-Xylenes
Concen: 1.553 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 106 Resp: 5112
Ion Ratio Lower Upper
106 100
91 200.4 155.9 233.9



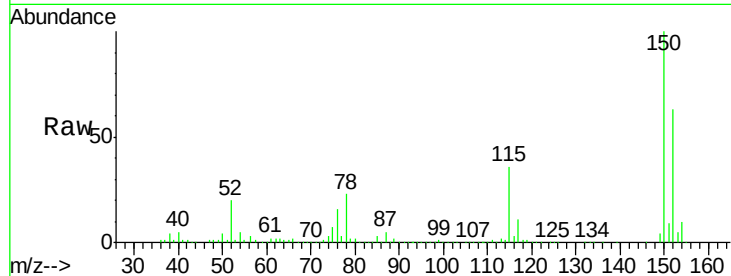


#72

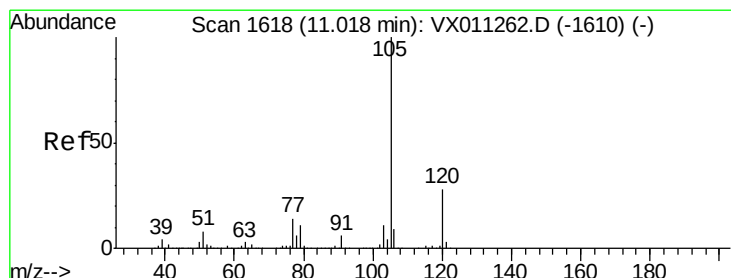
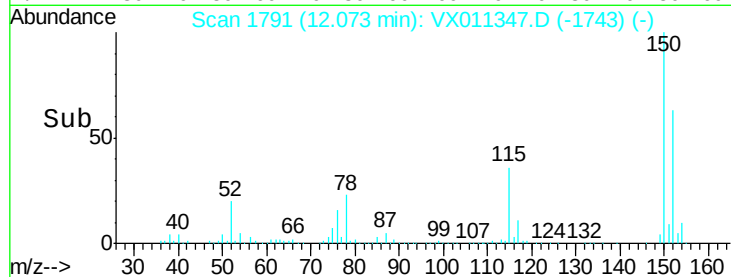
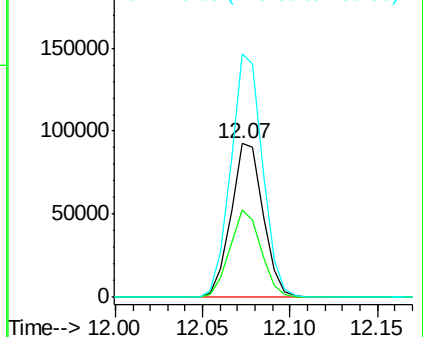
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

Tot Ion:152 Resp: 118407
Ion Ratio Lower Upper
152 100
115 55.1 40.0 119.9
150 156.2 0.0 350.4



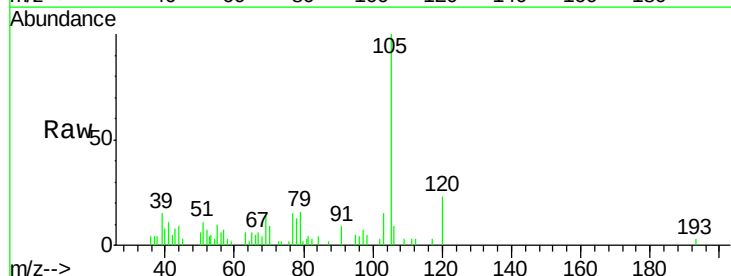
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



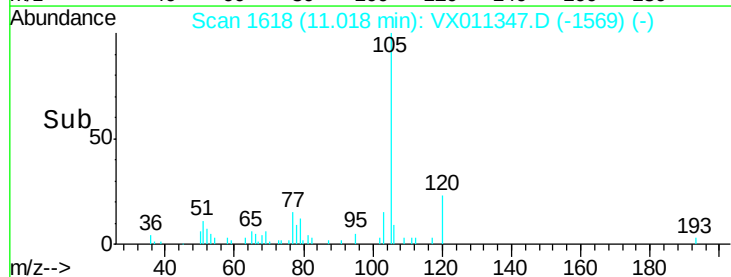
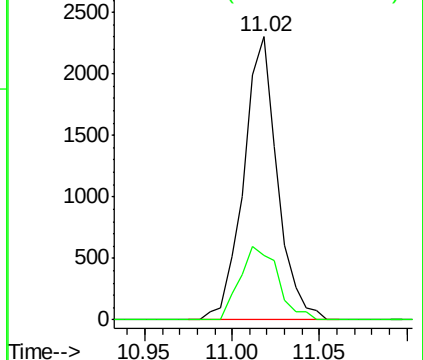
#73

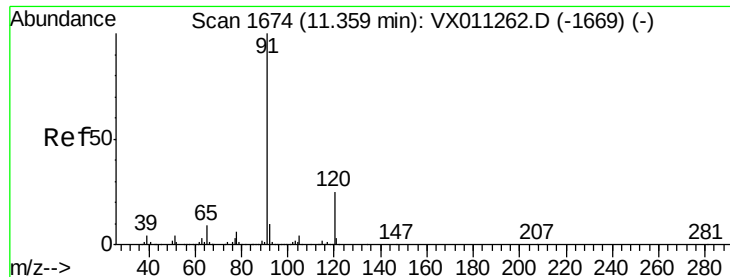
Isopropylbenzene
Concen: 0.381 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion:105 Resp: 3084
Ion Ratio Lower Upper
105 100
120 29.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.715 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

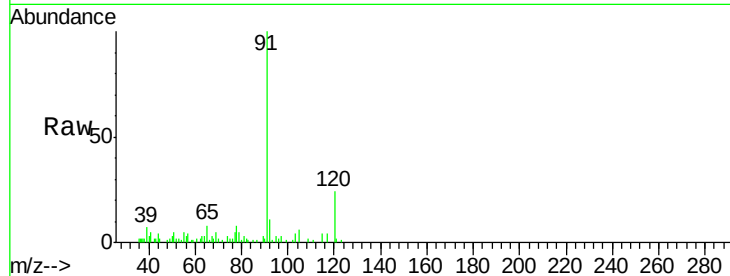
TS-01_080219DL

Tot Ion: 91 Resp: 6440

Ion Ratio Lower Upper

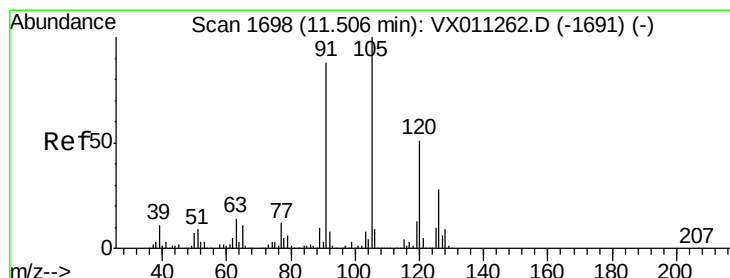
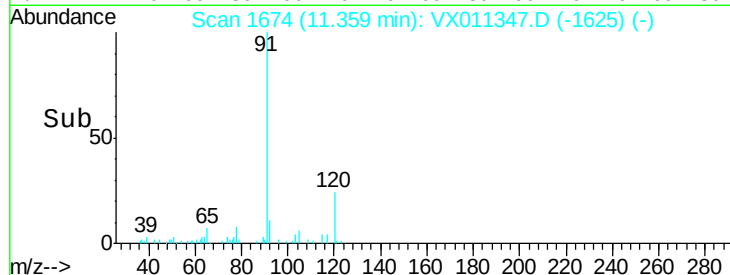
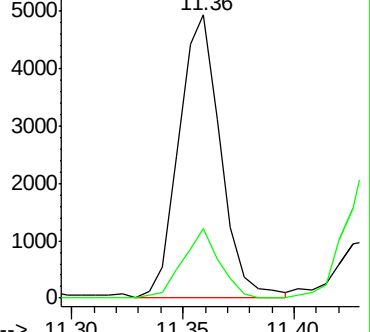
91 100

120 21.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1669) (-)

Ion 120.00 (119.70 to 120.70): VX011262.D (-1669) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.545 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011347.D

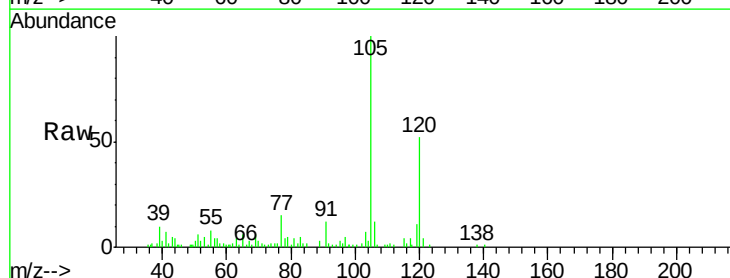
Acq: 06 Aug 2019 12:41

Tgt Ion: 105 Resp: 10472

Ion Ratio Lower Upper

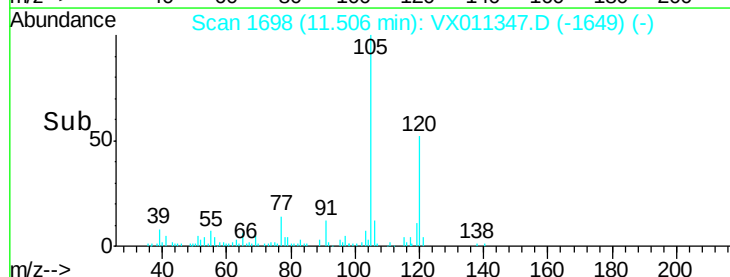
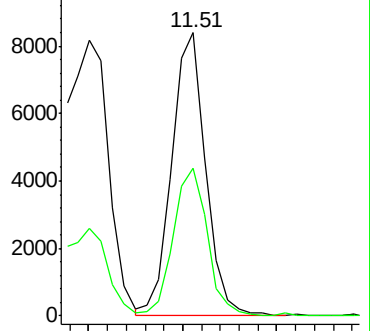
105 100

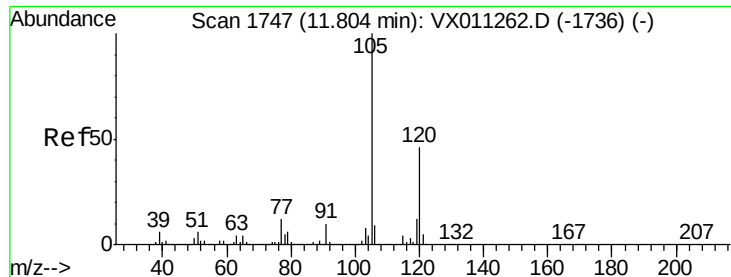
120 52.5 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011262.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011262.D (-1691) (-)





#84

1,2,4-Trimethylbenzene

Concen: 5.240 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011347.D

Acq: 06 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

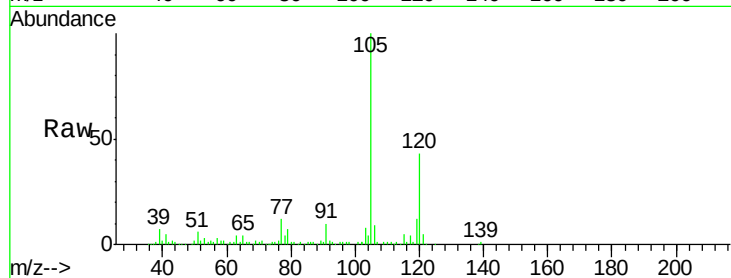
TS-01_080219DL

Tot Ion:105 Resp: 35364

Ion Ratio Lower Upper

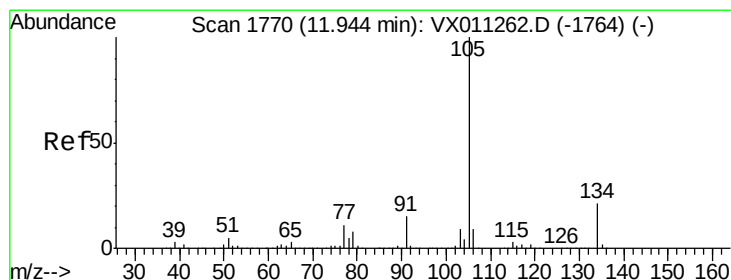
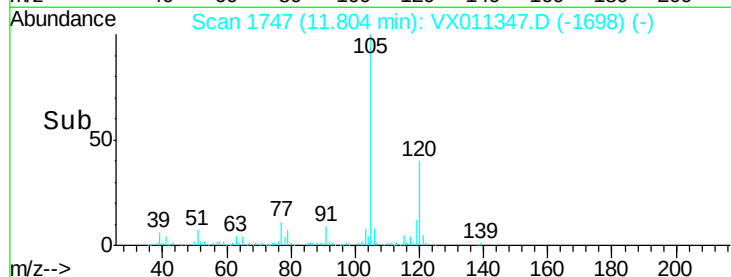
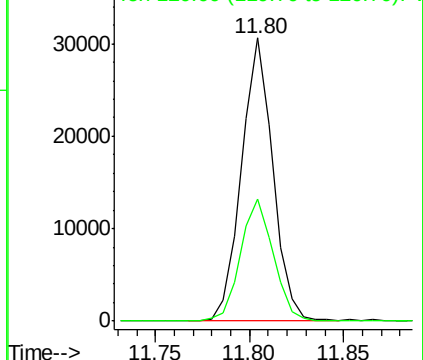
105 100

120 45.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.490 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011347.D

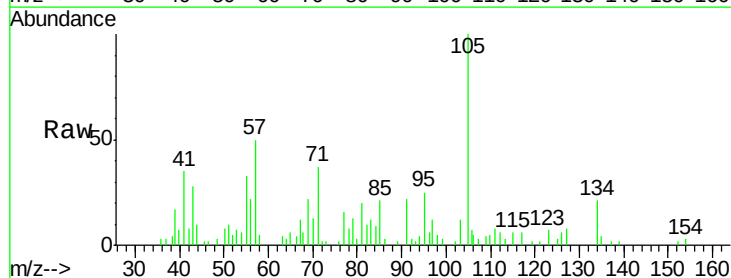
Acq: 06 Aug 2019 12:41

Tgt Ion:105 Resp: 3917

Ion Ratio Lower Upper

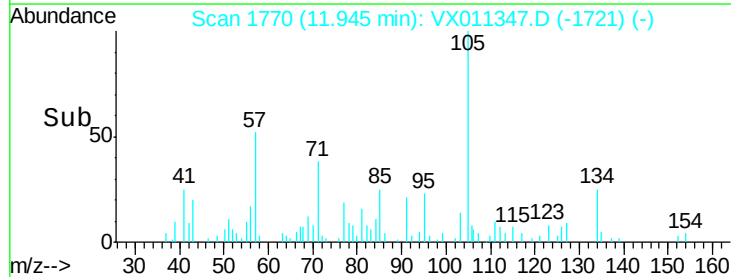
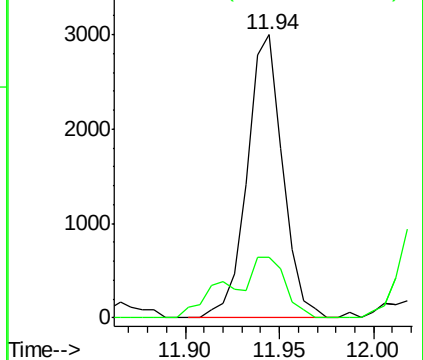
105 100

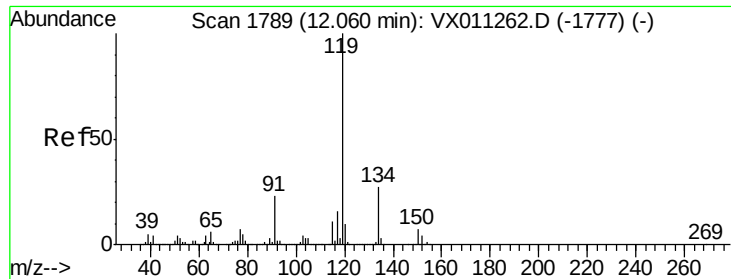
134 33.9 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

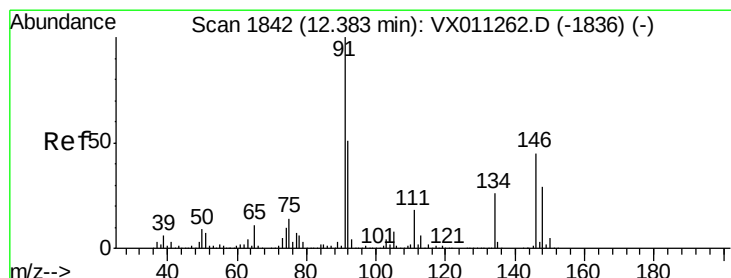
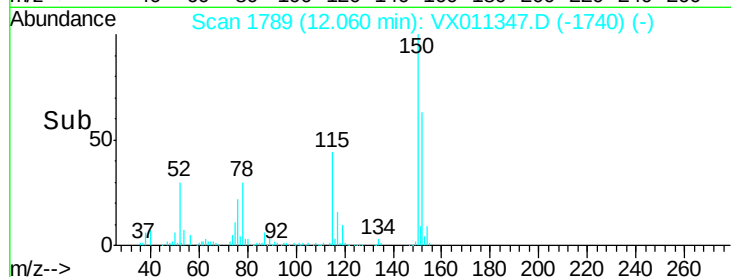
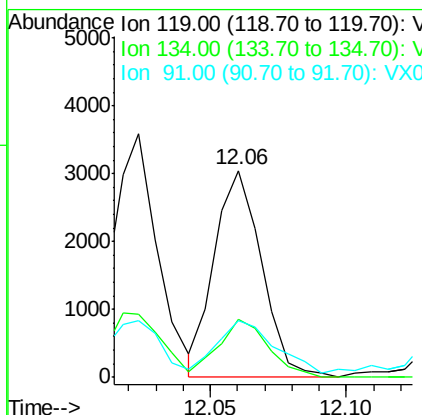
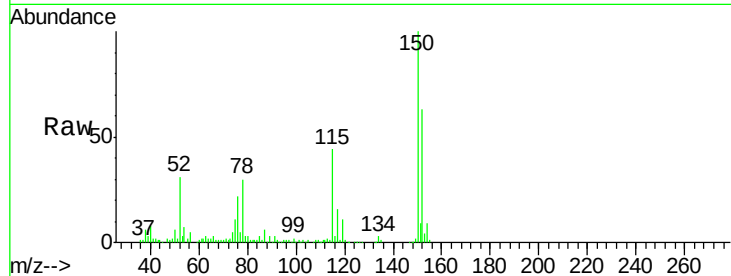




#86
p-Isopropyltoluene
Concen: 0.500 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

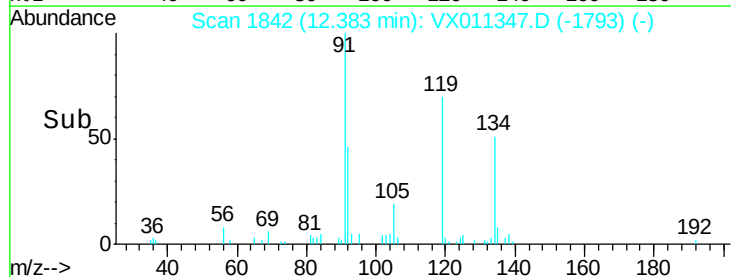
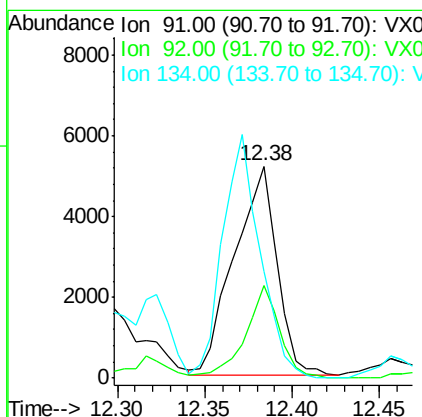
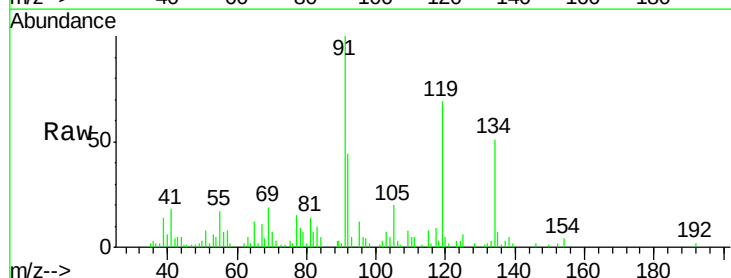
Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219DL

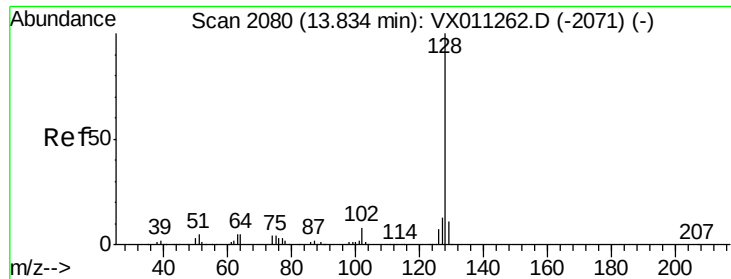
Tot Ion:119 Resp: 3674
Ion Ratio Lower Upper
119 100
134 29.9 13.7 41.0
91 27.4 11.4 34.2



#89
n-Butylbenzene
Concen: 1.386 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011347.D
Acq: 06 Aug 2019 12:41

Tgt Ion: 91 Resp: 8776
Ion Ratio Lower Upper
91 100
92 35.7 25.8 77.3
134 102.8 13.7 41.0#





#95
 Naphthalene
 Concen: 8.357 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011347.D
 Acq: 06 Aug 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	12.3	8.9	13.3

